

MD 75 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

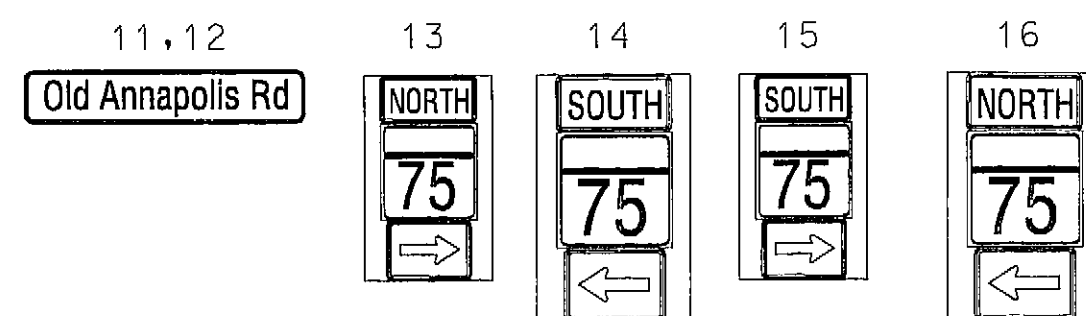
GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
2. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

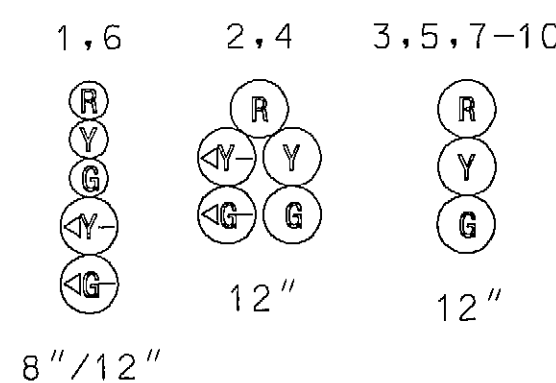
EXISTING SIGNS



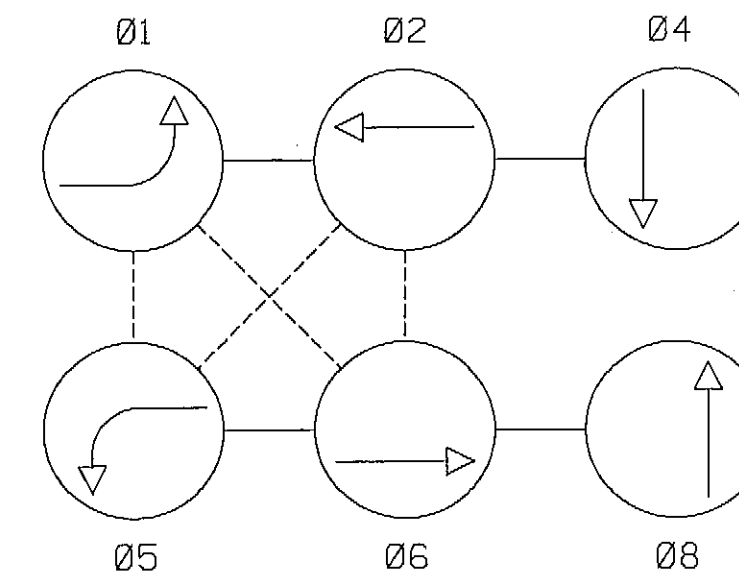
PROPOSED VIDEO DETECTION CAMERA

a, b, c, d

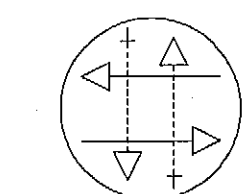
EXISTING SIGNALS



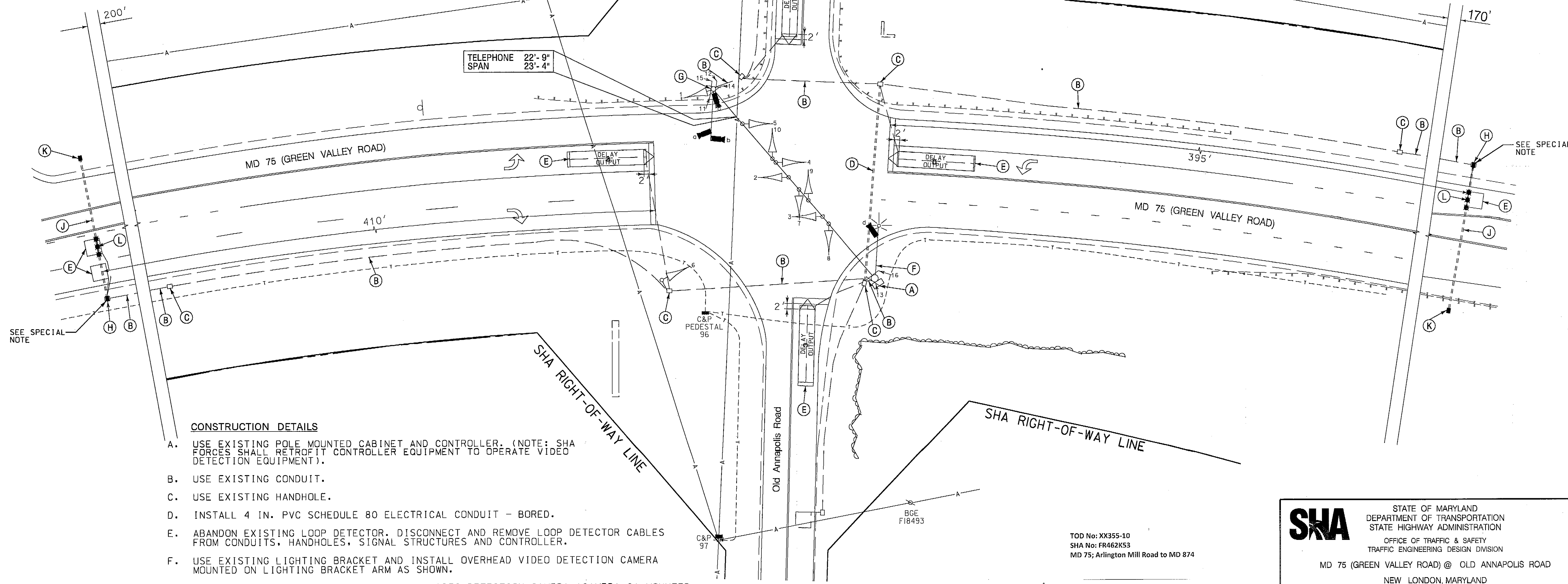
NEMA PHASING



FLASHING OPERATION



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- B. USE EXISTING CONDUIT.
- C. USE EXISTING HANDHOLE.
- D. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- E. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- F. USE EXISTING LIGHTING BRACKET AND INSTALL OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET ARM AS SHOWN.
- G. USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA (CAMERA C) MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN. INSTALL VIDEO CAMERA ARM ON EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERAS (CAMERAS A & B) MOUNTED ON VIDEO CAMERA ARM AS SHOWN.
- H. REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING NORTH/SOUTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- J. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- K. INSTALL HANDHOLE.
- L. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT (IN THRU LANE ONLY).



BY: Iwaesche

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

APPROVALS	
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	UPGRADE VIDEO DETECTION ON ALL LEGS. INSTALL NON-INVASIVE PROBES. SHA CONTRACT NO. XX355-10. TMS #K443. 08/19/2003
2	ADD E/P MD 75. SHA CONTRACT NO. AT3585185. TMS #F337. 08/19/2003
3	08/1990 - AS BUILT; CONVERT ICB TO A FULL SIGNAL. SHA # 855-2501. 2009

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 75 (GREEN VALLEY ROAD) @ OLD ANNAPOLIS ROAD NEW LONDON, MARYLAND	
TRAFFIC SIGNALIZATION PLAN SHEET	
SCALE 1"=20'	ADVERTISED DATE 11-2-1987 CONTRACT NO.
DESIGNED BY W.J. NIES OF STS	COUNTY FREDERICK
DRAWN BY W.J. NIES OF STS	LOGMILE 10007511.96
CHECKED BY R. ZACHERL OF STS	TMS NO. K443
F.A.P. NO.	TOD NO.
TS NO. 2427C	DRAWING TSP-02 OF 3
SHEET NO. 2 OF 3	

PLOTTED: 09-08-2010
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